

**2008 Southern Cooperative Soil Survey Conference**  
**Gainesville, FL**  
**July 14-18, 2008**

**Research Priorities Committee Chair**

✓ **Wayne Hudnall**

**Research Priorities Committee Charges**

1. Identify and evaluate research needed in the Southern Region to accomplish soil surveys
  - a. Class criteria for gypsum content in soil interpretations
    - i. at what gypsum percentage does piping occur within the soil,
    - ii. at what gypsum percentage does cavern formation occur in soils,
  - b. The “new soil survey” needs sampling requirements for dynamic soil properties. Identify existing data sets in the Southern Region that can be used to determine the spatial variability of near surface dynamic soil properties.
  - c. Identify and/or suggest methods to predict highly variable soil properties such as infiltration from less costly measures
2. Review status of 5-year Soil water table study
3. Identify known elements of ground water Spodosols formation and develop model to predict their occurrence in landscapes
4. Evaluate and identify ways to integrate soil spectroscopy tool into soil survey activities